

Industrial Hygiene Coordinating Committee
Nevada Operations Office
Wednesday, January 17-19, 1996

In Attendance: David Weitzman, DOE Washington DC
Harvey Grasso, DOE Oakland
William Burke, DOE Yucca Mountain Project
Bill Suiter, DOE/NV
Monty Herr, DOE Livermore
L. P. Singh, DOE Savannah River
Jim Slawski, DOE Washington DC
Don Harvey, DOE Washington DC
Janet Torma-Krajewski, DOE Rocky Flats
John Serocki, DOE Washington DC
Dustin Simonson, DOE Washington DC
Paul Jackson, DOE Washington DC

Avoiding Technical Stove piping - Mr. Grasso described the issue of Stove piping as the situation where there are a number of technical disciplines each with a separate program. The problem lies in the fact that the field needs and wants guidelines that will let it assure a consistent level of quality across the complex without creating stove pipes.

Conference call with Marty Mathamel -

He maintains the industrial hygiene needs to:

1. Be more than a group of sample collectors
2. Build bridges with other professionals
3. Be less a technical group and more an applied science that works with other professionals as a team
4. Demonstrate its value to the DOE mission and be part of the management team.
5. Forecast problems and be take the lead in solving them.

He stated that the IH Implementation Guide made IH stand alone when current goals are to integrate programs.

He suggested IHCC come under the wing of the ES&H Council in a staff role.

He stated that Joe Fitzgerald recognizes his need to clarify how the IHCC will work with the ES&H Council. Mr. Grasso requested members discuss the issue out side the meeting for discussion the next day.

Enhanced Work Planning Initiative - Mr. Weitzman presented an multi-disciplinary approach to controlling hazards via work planning that involves ES&H specialties as well as workers. The

goal is to increase worker involvement and increase project efficiency measured in both time and money savings. He outlined the steps needed to determine the appropriate requirements, training, and standards needed along with initial field test results.

Performance Measures - Mr. Herr presented a publication titled "Program Performance Measures" prepared by the Chemical Manufacturers Association (CMA). He emphasized the Employee Health and Safety (EHS) Code, one of six Codes of Management Practices developed by CMA member companies as part of CMA's Responsible Care initiative.

Mr. Herr also presented a publication "Safety Performance Indexing" from Eastman Kodak, listing safety performance measures that could be relevant in establishing performance indicators programs.

The second publication probably is a more viable method of developing IH Performance Measures.

Copies of these publications are attached.

Industrial Hygiene Coordinating Committee - Mr. Grasso presented draft of his presentation to the ES&H Council including handouts and overheads on the IHCC's history, mission, vision, strategic plan, accomplishments and future activities. Comments were recorded.

Follow-up

Updated slides are attached.

Industrial Hygiene Manpower Survey- Janet Torma-Krajewski discussed her IH manpower survey as a attempt to identify resources throughout DOE. She agreed to provide the chair a summary of data she had collected to date.

Don Ross Award - Janet Torma-Krajewski reported on the application package and funding for the Don Ross Award to reward a specific technical discipline. According to Myrna Steele as of December funding was not a problem. Mr. Grasso asked Ms. Torma-Krajewski to follow-up on the funding issue and keep him advised on progress.

IH Technical Qualification Study Guide - Mr. Grasso presented a draft of the Industrial Hygiene Qualification Standard, Study Guides and Training-to-Competency Matrix, and asked for comments from the members.

Mr. Grasso felt the study guide would not really qualify someone to become a competent industrial hygienist. Don Harvey said the

Study Guide is good for informing a candidate what information would be needed for certification. John Serocki suggested it include specific topical references.

It was the consensus of the members that the study guide was incomplete and not adequate guide. A more effective study tool would be a series of problems presenting industrial settings for the student to analyze and develop solutions. It should include specific text and chapter references. **Mr. Weitzman said he would develop a response from the members for Mr. Grasso's signature**

Chairman Elect Selection - Mr. Grasso opened the nominations for chairman. Paul Jackson nominated Joyce Beck of DOE Golden; Don Harvey said the person elected needs the support of their office to be able to attend meetings. Mr. Grasso nominated L. P. Singh of DOE Savannah River, Don Harvey of DP and Jay Larson of ER. Mr. Grasso see that Joyce Beck and Jay Larson were contacted to determine their availability.

Next Meeting Site and Date - Mr. Grasso asked for suggested locations for the next meeting, it needs to be somewhere accessible and at a reasonable cost. Germantown was the members' choice location on April 16, 17, 18, 1996.

DOE Industrial Hygiene Session at the AICHE - Mr. Grasso asked for member input. David Weitzman got an agenda date for IHCC on Wednesday afternoon, May 22, for a half-day meeting in conjunction with the conference. He felt the most productive idea would be to get people from the field with real problem situations. Mr. Grasso asked for a program organizer to be the focal point of how sites are implementing their programs. **David Weitzman and John Serocki volunteered, agreed to get out a call for papers with John being the session arranger.** Integration of Industrial Hygiene Programs at Contractor Sites, Integration of the Industrial Hygiene Role in Worker Protection, Industrial Hygiene Aspects of Worker Protection Programs were suggested themes. **Paul Jackson, L.P. Singh and John Serocki volunteered to review papers.** Mr. Grasso suggested two moderators. Mr. Grasso agreed to invite Tara O'Toole, Assistant Secretary for Environment, Safety and Health (ES&H) and ask her to define the role of Industrial Hygiene in the Department of Energy.

Follow-Up

John Serocki's inquiry about EH funding for the session found that EH wants to be the session sponsor and Joe Fitzgerald wants to extend the invitation to Dr. O'Toole. Harvey Grasso will follow-up with Jackie Rodgers.

IH Implementation Guide - Mr. Grasso asked for members input; Don Harvey volunteered to take a closer look at the contents and packaging of the guide to determine the best way to present the needed information to the field level in a standard practices format and he agreed to report back at the next meeting. John Serocki feels the guide should focus on standard practices in the industry. Bill Burke suggested getting groups together before a guide is produced, to eliminate duplicate efforts. David Weitzman stated it is worth the effort to request EH support.

Mr. Grasso asked David Weitzman to find out where we are in the review process schedule of the Implementation Guide for 440.1 and collect and integrate comments. Mr. Grasso asked David Weitzman to set up a conference call in February to discuss 440.1 Implementation

Follow-up

David Weitzman's inquiry to Terry Krietz found that all the implementation Guides are being held by EH while the NFBSB reviews them.

Ergonomics - Janet Torma-Krajewski asked why ergonomics has never been an agenda item for the IHCC. David Weitzman said there was a software package produced for identifying workplace ergonomic hazards, lifting and computer stations. Don Harvey said ergonomics is such a broad issue, he did a statistical analysis on injuries in laboratories. John Serocki asked if there is a need for DOE policy on ergonomics. Janet Torma-Krajewski volunteered to review a previously conducted survey of DOE community to determine ergonomic needs, training programs, etc.

DNESB 95-2 Mr. Grasso asked for member input/comments on 95-2. A discussion of DOE hazard analysis requirements and DOE STD-3009 ensued. Harvey Grasso agreed to send members a copy of the Guidelines for Worker Safety Review of Nonreactor Nuclear Facility Safety Analysis Reports for comment. Don Harvey said we need to find out the process and who has a good hazards analysis process. He is studying the hazards analysis with a goal of writing a standard. Don Harvey volunteered to be the focal point for questions and comments and draft a hazard analysis process model.

Breaking Stove Pipes by Establishing Communications with other ES&H Specialties Mr. Grasso felt a good way to break stove pipes is by attending meetings of other ES&H specialties and he volunteered to begin getting channels open, find out when and where meetings are being held. David Weitzman thought he could provide a list of points of contact for other safety and health committees and working groups. Membership could support this effort by attending if meetings are nearby and report back to the

committee.

Mr. Grasso said we might start an issue, lets have the S&H sit down and plan Worker Protection Policies. David Weitzman suggested writing a position paper.

John Serocki volunteered to work with Headquarters to write an issue paper entitled 'Nuclear and Non-nuclear Worker Protection Issues'.

Provide Committee comments on the Exposure Assessment Implementation Guide - Mr. Grasso asked if Jay Larson could get comments on the exposure guide, find out schedule on the comments and deadlines. Dustin Simonson, alternate, said he would contact Mr. Larson.

Develop Guidelines for Industrial Hygiene Performance Measures - Mr. Grasso asked members for input regarding performance measures; Don Harvey suggested a letter from the committee, he will send it E-Mail to Mr. Grasso. John Serocki suggested sending the letter to the site managers along with Kodak Safety Performance Indexing and CMA Program Performance Measures. Harvey Grasso agreed to sign an IHCC letter forwarding copies of the Kodak and CMA performance measures guidelines.

Follow-up

Don Harvey provide Mr. Grasso a copy of a forwarding letter.

Develop Guidelines for the Implementation of Necessary and Sufficient Process - Dustin Simonson distributed copies of 'Closure Process for Necessary and Sufficient Sets of Standards'. John Serocki described an OSHA Standards Database program he has of standards on worker protection, describing which standards apply, including ANSI standards, and agreed to send members copies of his program.

Working with the ES&H Council - David Weitzman listed the issues pending regarding the council: Stovepipe (IHCC can work other coordinating committees through council as needed), IHCC plug-in (coordinating committees will support the council), bureaucracy (IHCC rep will attend council meetings). At the ES&H Forum Mr. Grasso was invited to attend the next council meeting and make a presentation, introduce IHCC role to the council to clarify how we would work with them. A response from Mr. Fitzgerald is expected. Bill Burke suggested simply asking Mr. Fitzgerald how we can help the council.

Don Harvey made a motion that as a self-chartered organization the IHCC offer our resources and support to the council for technical issues. The motion was seconded by L.P. Singh and accepted by the committee.

Chairman Elect Selection - Mr. Grasso announced that Jay Larson could not be contacted but that three nominated members said that they could take over the chairman responsibilities after the next meeting: Joyce Beck, L.P. Singh and Don Harvey. Members voted by written ballot. A tie between Don Harvey and L.P. Singh was resolved by a re-vote and **the next chairman will be L.P. Singh.**

IHCC Charter - Members revised wording in the charter, including the committee goal, scope of activities, committee actions, **mission, vision and strategic goals:**

Industrial Hygiene Coordinating Committee

Mission

To guide Department of Energy Worker Protection policy, facilitate and coordinate communication, promote exemplary Industrial Hygiene programs, and address emergent industrial hygiene issues.

Vision:

Be an active force in developing and promoting Industrial Hygiene excellence within Department of Energy Worker Protection Programs.

Strategic Objectives:

- a. Identifying actions for the consistent implementation and integration of DOE Worker Protection policies, guidance and standards.
- b. Providing IH input to DOE worker protection policy, guidance, standards and technical support initiatives.
- c. Assisting DOE in identifying industrial hygiene needs, priorities, and initiatives.
- d. Facilitating communication and cooperation throughout the DOE worker protection community.
- e. Promoting integrated worker protection programs.

Industrial Hygiene Coordinating Committee

- *Established by the Assistant Secretary for Environment Safety and Health Letter dated December 4, 1992 to facilitate department communication on IH issues*
- *Meets quarterly at field sites and via ad hoc teleconference*

Membership

■ *Primary DOE IH points of contact
from:*

Headquarters

- *PSO's*
- *EH*

Field Organizations

- *Operations Offices*
- *Site Offices*

Mission and Vision

■ Mission Statement:

To guide Department of Energy Worker Protection policy, facilitate and coordinate communication, promote exemplary Industrial Hygiene programs, and address emergent industrial hygiene issues

Mission and Vision

■ Vision

Be an active force in developing and promoting Industrial Hygiene excellence within Department of Energy Worker Protection Programs.

Strategic Objectives:

- *Identifying actions for the consistent implementation and integration of DOE Worker Protection policies, guidance and standards.*
- *Providing IH input to DOE worker protection policy, guidance, standards and technical support initiatives.*

Strategic Objectives (Cont'd):

- *Assisting DOE in identifying industrial hygiene needs, priorities, and initiatives.*
- *Facilitating communication and cooperation throughout the DOE worker protection community.*
- *Promoting integrated worker protection programs*

*IH Coordinating Committee Activities to
Date*

- *Developed a Charter*
- *IH Technical Qualifications Standard*
- *Reviewed and collected field and
program comments on*
 - *DOE 5480.10A*
 - *DOE 470*
 - *DOE 440.1*

*IH Coordinating Committee Activities to
Date (Cont'd)*

- *Pushed for integration of Industrial Hygiene into DOE 5483.OSH. This was the first effort to integrate DOE OSH programs.*
- *Exposure Assessment Guide*
- *Industrial Hygiene Implementation Guide for DOE Order 440.1*

*IH Coordinating Committee Activities to
Date (Cont'd)*

- *EH IH related order initiatives*
- *Increased the line and contractor
involvement*
- *Performance Measures*
- *Position paper on HAZWOPER
training*

*IH Coordinating Committee Activities to
Date (Cont'd)*

■ Hazardous Waste Activity
Handbooks

- *Handbook for Occupational Safety
and Health for Hazardous Waste
Activities*
- *Occupational Safety and Health Desk
Reference*

*IH Coordinating Committee Activities to
Date (Cont'd)*

■ *Hazardous Materials chapter for
DOE Std 3009(94)*

■ *SAR Review Standard*

Future Activities

- *ES&H Council Initiatives*
- *DOE Industrial Hygiene session at the AICHE*
- *Complete Industrial Hygiene Implementation Guide*
- *Guidelines for Industrial Hygiene Performance Measures*

Future Activities (Cont'd)

- *Comment on Exposure Assessment Implementation Guide*
- *Provide IH guidance on Management Planning required by DNFSB 95-2*
- *Consolidating Hazard Analysis requirements DOE STD-3009*
- *Breaking stove pipes establishing communications with other ES&H specialties.*